

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034548.D
 Acq On : 16 Mar 2023 16:11
 Operator : JC/MD
 Sample : 01903-13DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20230312DL

Quant Time: Mar 17 06:27:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

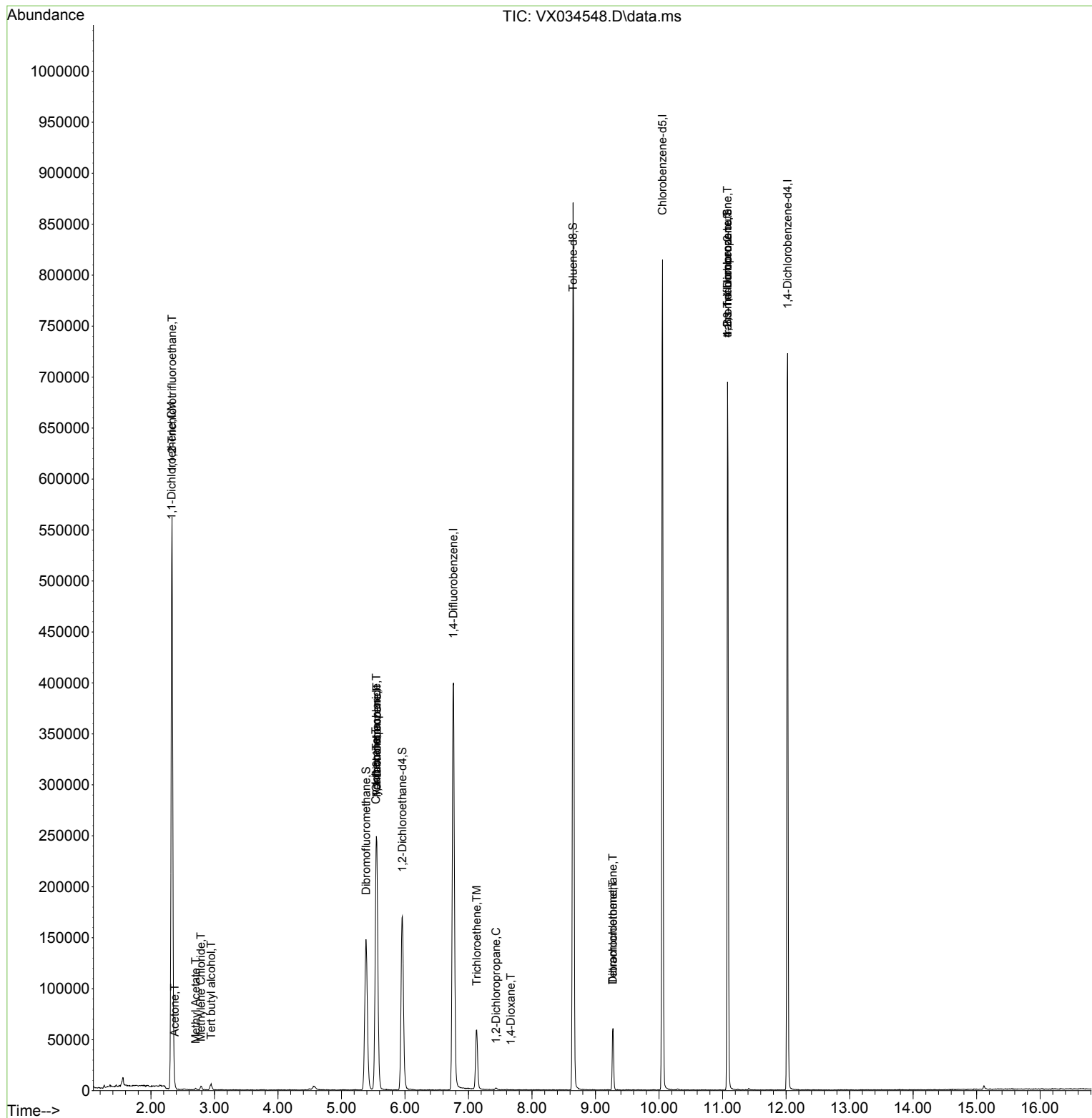
Internal Standards						
1) Pentafluorobenzene	5.556	168	235302	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	405573	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164385	48.021	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.040%		
35) Dibromofluoromethane	5.385	113	127022	47.435	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.880%		
50) Toluene-d8	8.647	98	487727	48.791	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.580%		
62) 4-Bromofluorobenzene	11.079	95	184620	45.723	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.440%		
Target Compounds						Qvalue
3) Chloromethane	1.307	50	497	Below Cal	#	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	213895	81.778	ug/l	99
11) Tert butyl alcohol	2.946	59	3546	4.974	ug/l #	77
12) 1,1-Dichloroethene	2.325	96	1564	0.607	ug/l #	74
16) Acetone	2.373	43	1222	0.758	ug/l #	88
18) Methyl Acetate	2.703	43	2000	0.380	ug/l #	83
20) Methylene Chloride	2.788	84	1576	0.504	ug/l	89
31) Cyclohexane	5.544	56	5456	1.136	ug/l #	25
36) 1,1-Dichloropropene	5.556	75	20260	4.926	ug/l #	47
38) Carbon Tetrachloride	5.550	117	24173	5.908	ug/l #	16
44) Trichloroethene	7.129	130	22865	7.314	ug/l	98
45) 1,2-Dichloropropane	7.434	63	738	0.235	ug/l	97
49) 1,4-Dioxane	7.665	88	26	0.338	ug/l #	23
60) Dibromochloromethane	9.275	129	10767	3.473	ug/l #	10
64) Tetrachloroethene	9.275	164	11437	4.803	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	97251	28.969	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	97251	78.369	ug/l #	8

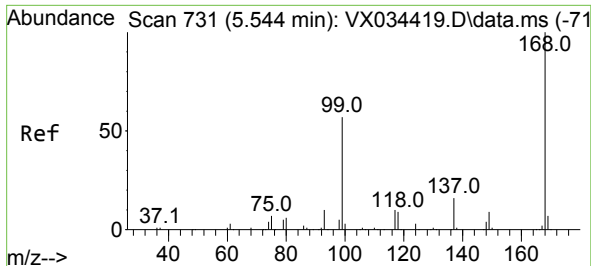
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

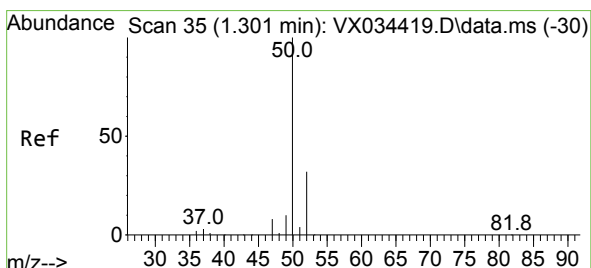
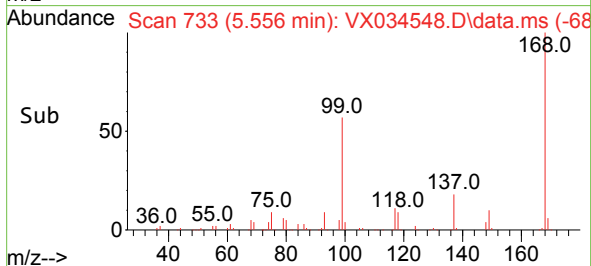
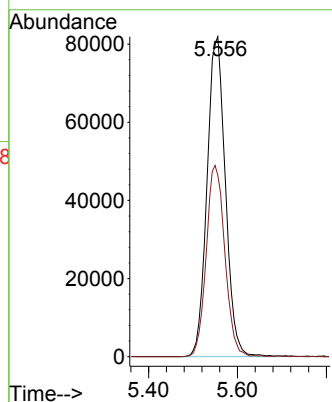
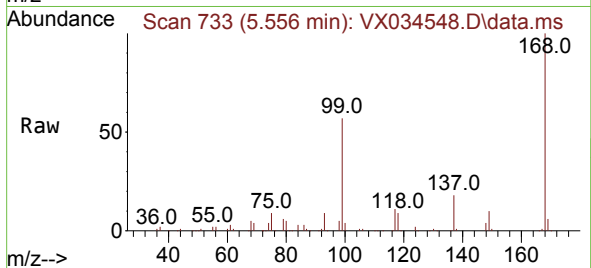




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

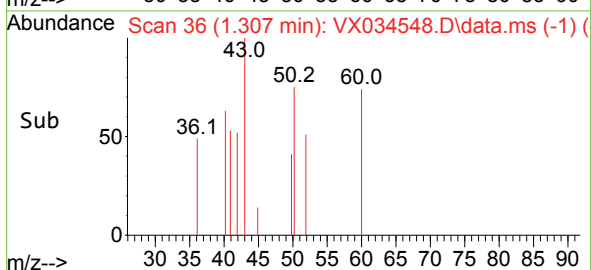
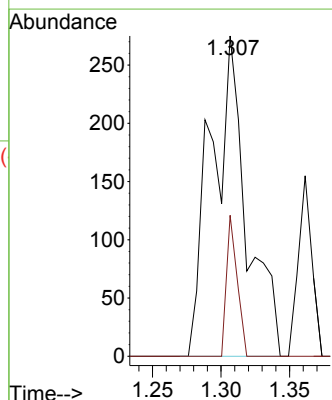
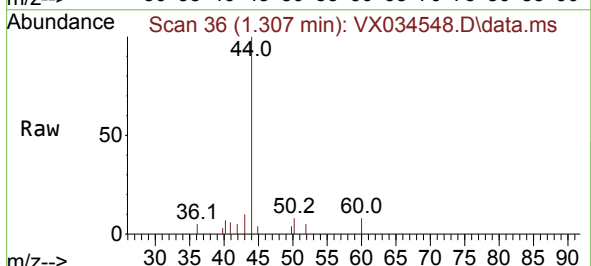
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20230312DL

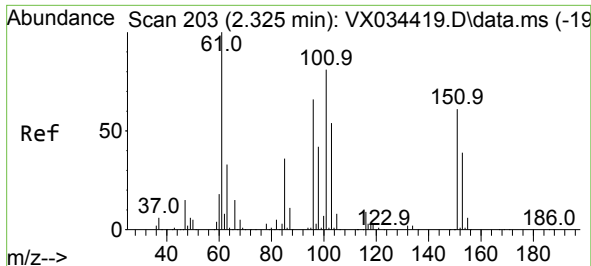
Tgt Ion:168 Resp: 235302
Ion Ratio Lower Upper
168 100
99 56.7 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

Tgt Ion: 50 Resp: 497
Ion Ratio Lower Upper
50 100
52 44.0 25.9 38.9#

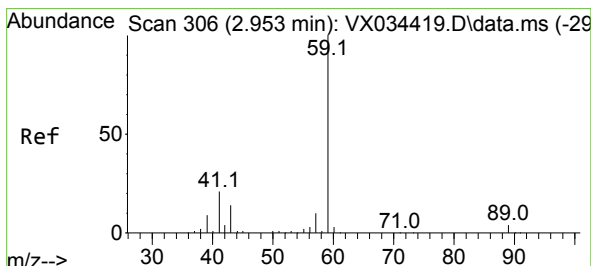
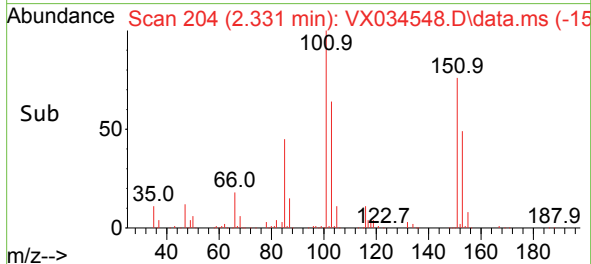
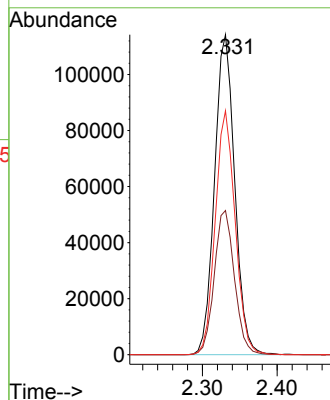
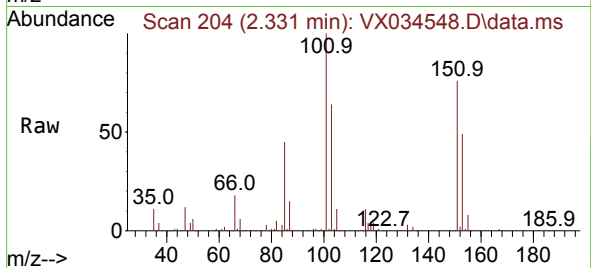




#9
1,1,2-Trichlorotrifluoroethane
Concen: 81.778 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

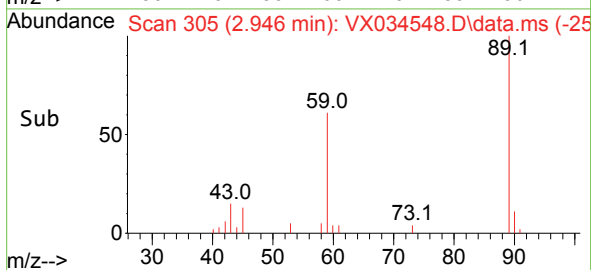
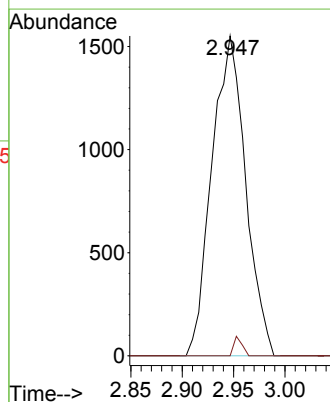
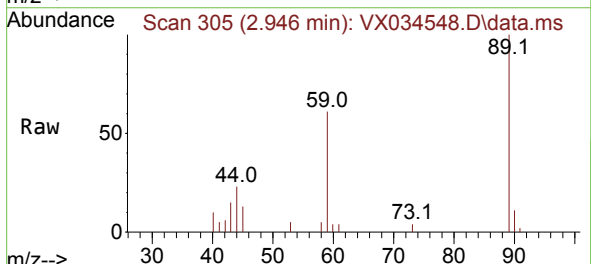
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20230312DL

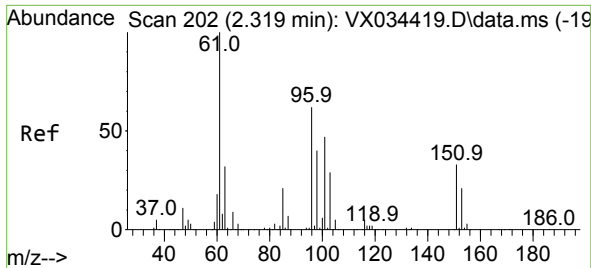
Tgt Ion:101 Resp: 213895
Ion Ratio Lower Upper
101 100
85 45.3 35.4 53.2
151 75.5 60.2 90.4



#11
Tert butyl alcohol
Concen: 4.974 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

Tgt Ion: 59 Resp: 3546
Ion Ratio Lower Upper
59 100
57 1.5 8.1 12.1#





#12

1,1-Dichloroethene

Concen: 0.607 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX034548.D

Acq: 16 Mar 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20230312DL

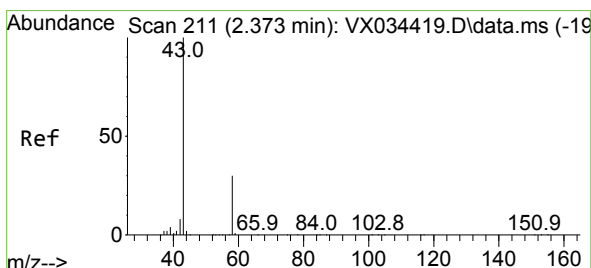
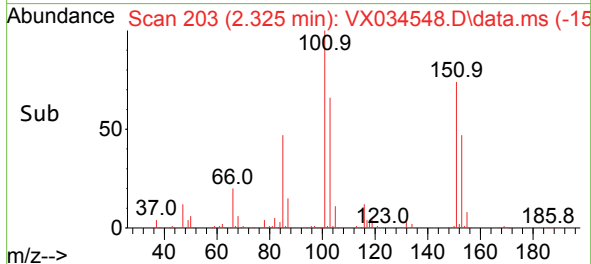
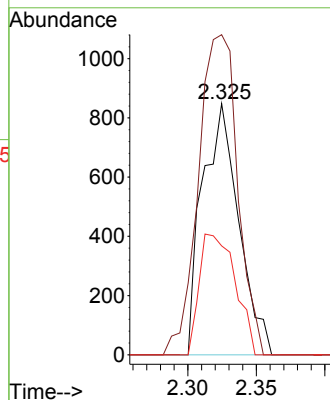
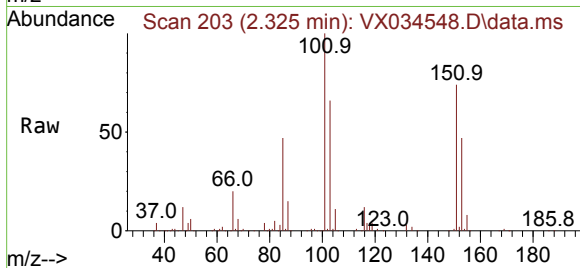
Tgt Ion: 96 Resp: 1564

Ion Ratio Lower Upper

96 100

61 127.5 128.8 193.2#

98 43.4 51.4 77.0#



#16

Acetone

Concen: 0.758 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX034548.D

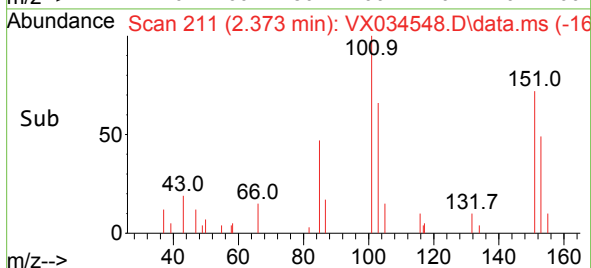
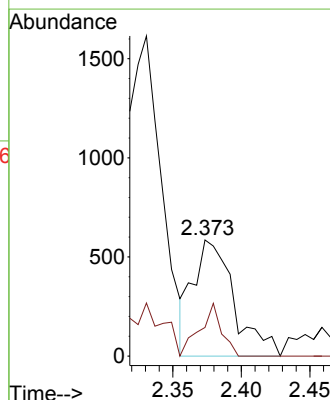
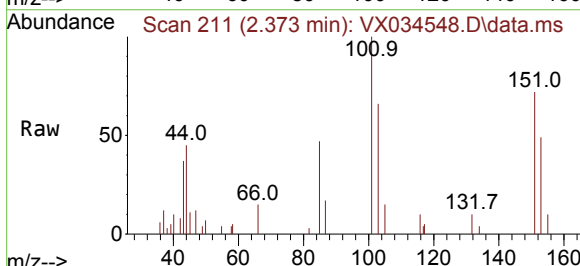
Acq: 16 Mar 2023 16:11

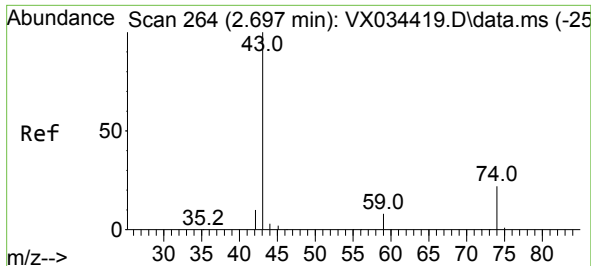
Tgt Ion: 43 Resp: 1222

Ion Ratio Lower Upper

43 100

58 24.6 24.7 37.1#

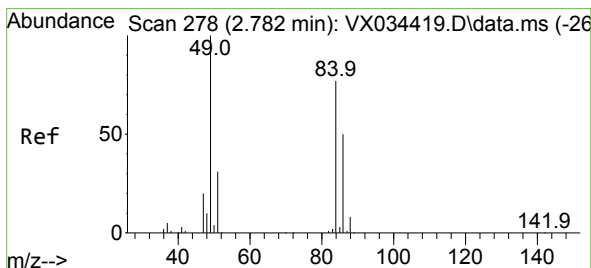
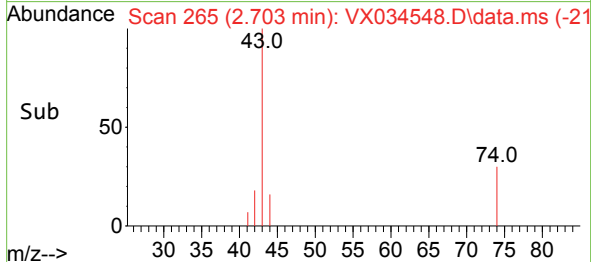
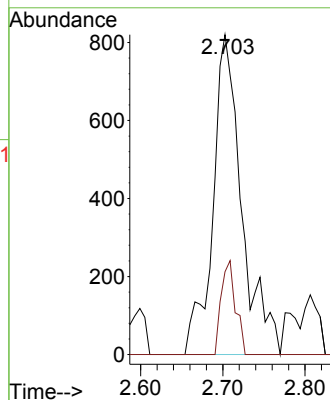
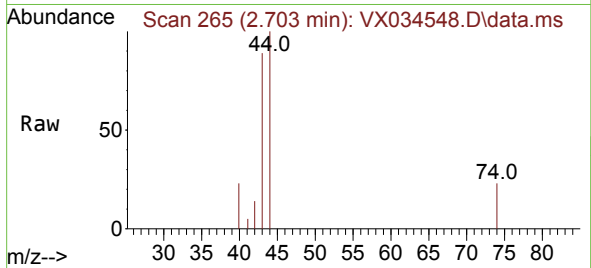




#18
Methyl Acetate
Concen: 0.380 ug/l
RT: 2.703 min Scan# 200
Delta R.T. 0.006 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

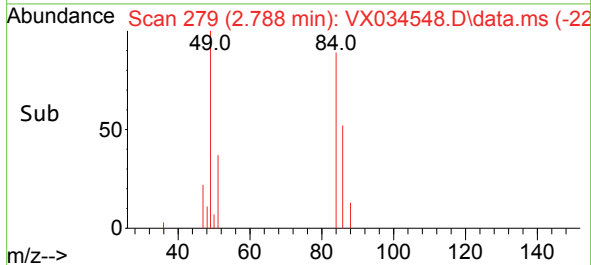
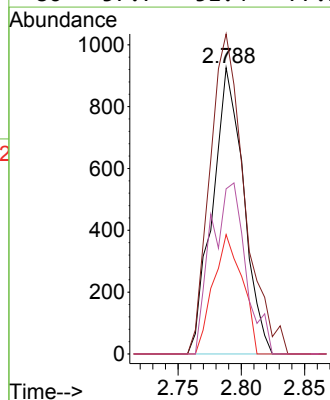
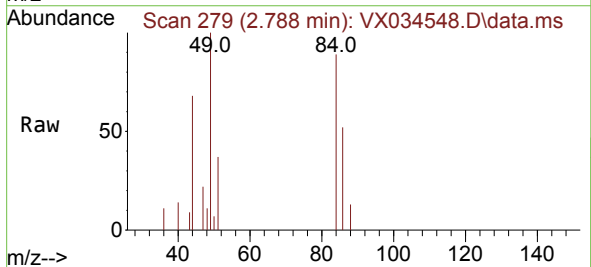
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20230312DL

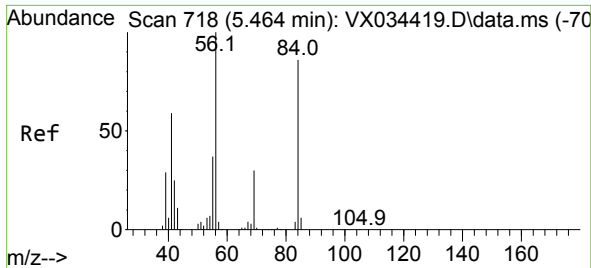
Tgt Ion: 43 Resp: 2000
Ion Ratio Lower Upper
43 100
74 14.5 18.3 27.5#



#20
Methylene Chloride
Concen: 0.504 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

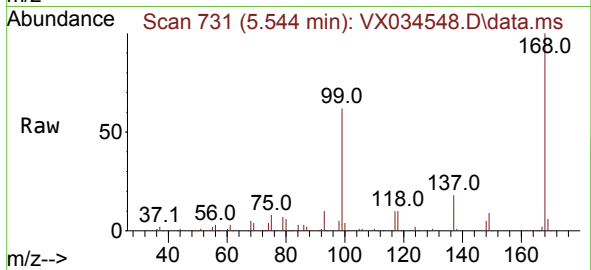
Tgt Ion: 84 Resp: 1576
Ion Ratio Lower Upper
84 100
49 111.8 103.8 155.8
51 41.7 31.8 47.8
86 57.7 51.4 77.2



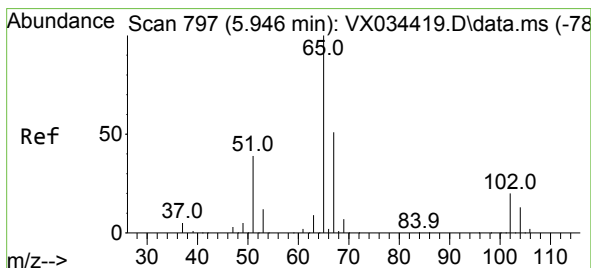
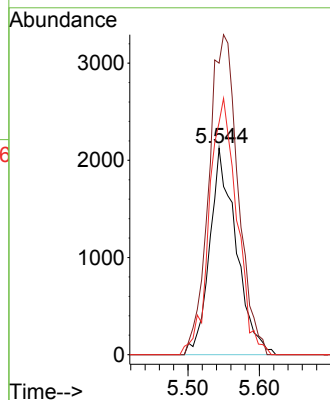
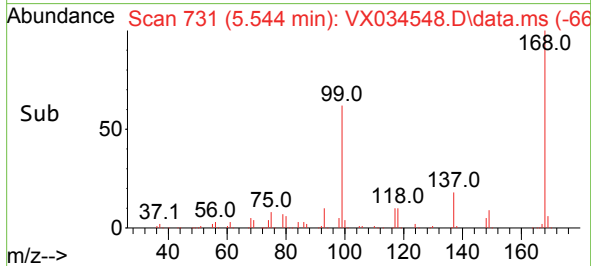


#31
Cyclohexane
Concen: 1.136 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20230312DL

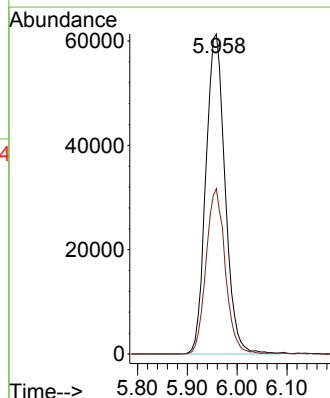
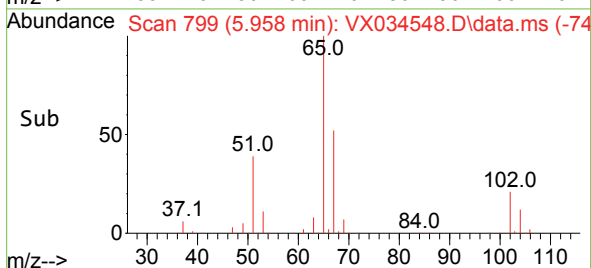
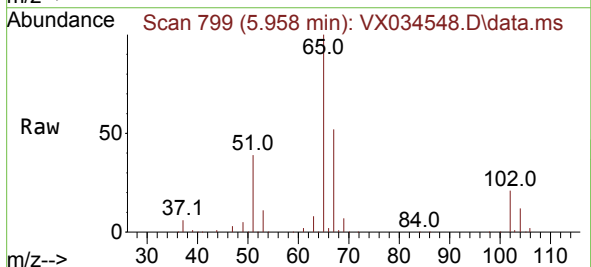


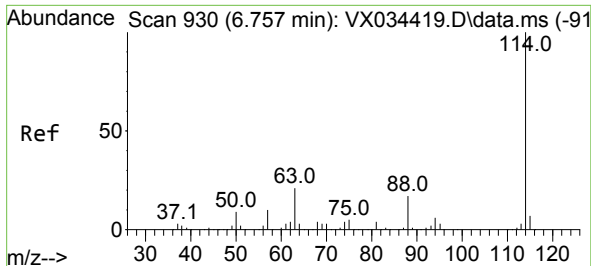
Tgt Ion: 56 Resp: 5456
Ion Ratio Lower Upper
56 100
69 141.1 23.7 35.5#
84 112.4 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.021 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

Tgt Ion: 65 Resp: 164385
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0

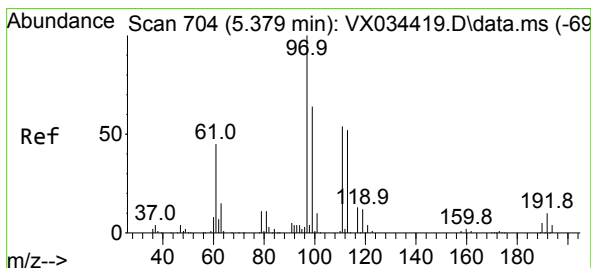
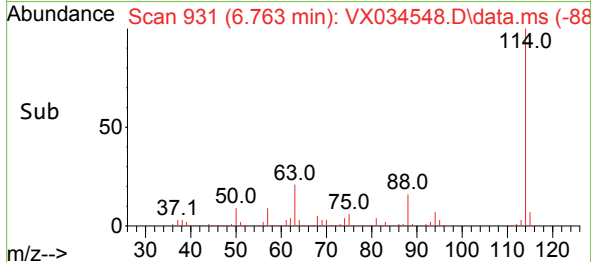
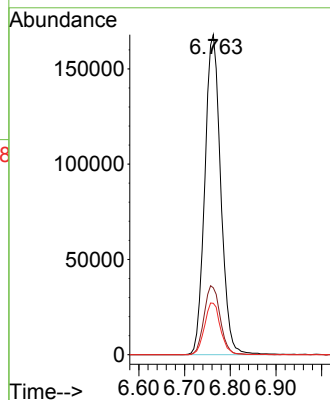
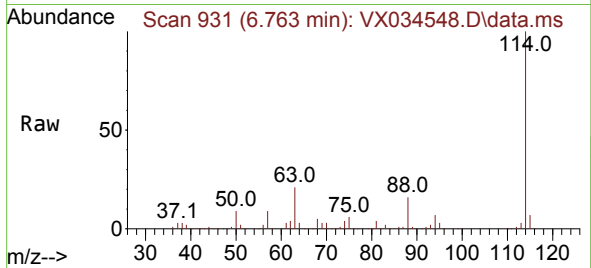




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

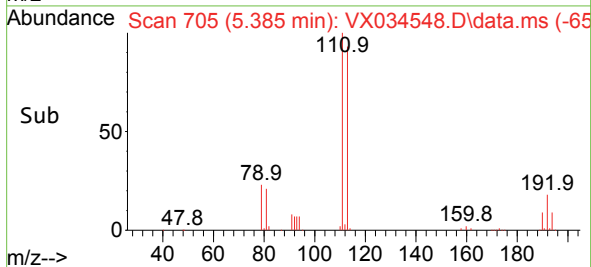
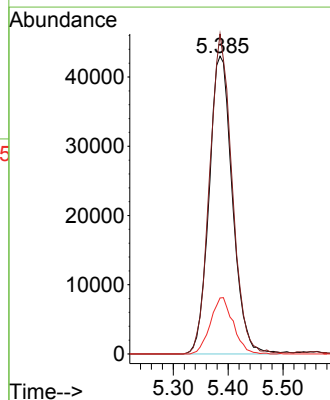
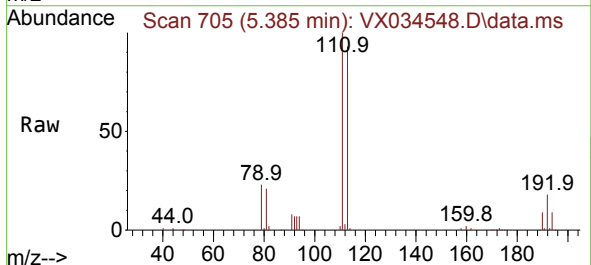
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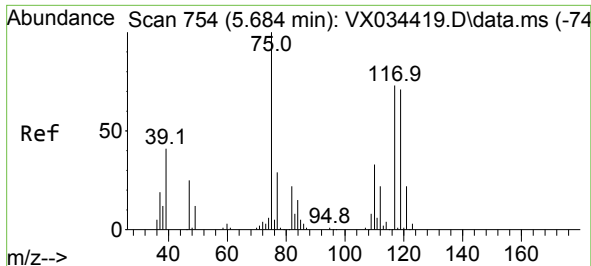
Tgt Ion:114 Resp: 405573
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.435 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

Tgt Ion:113 Resp: 127022
Ion Ratio Lower Upper
113 100
111 103.8 83.7 125.5
192 18.5 15.4 23.2

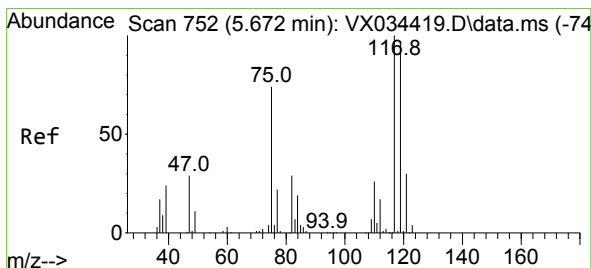
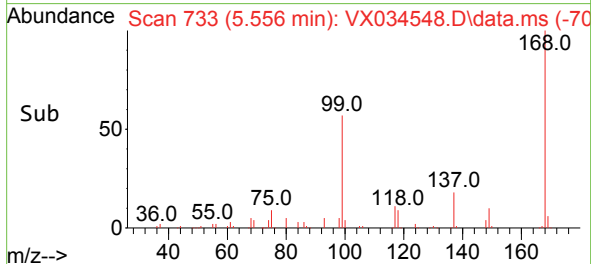
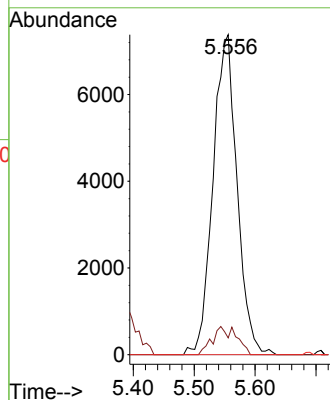
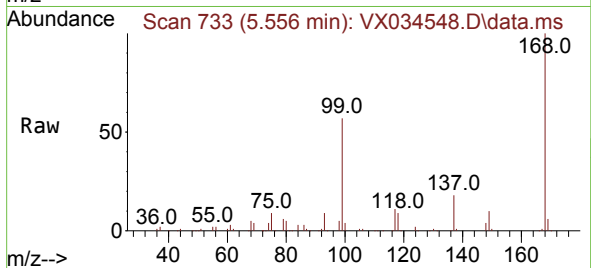




#36
1,1-Dichloropropene
Concen: 4.926 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

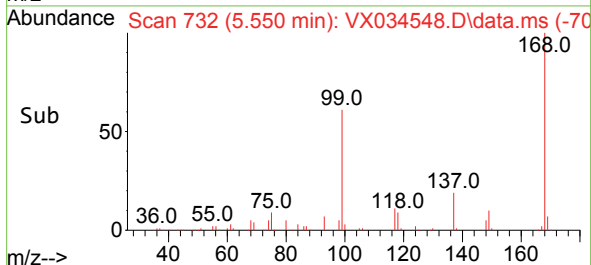
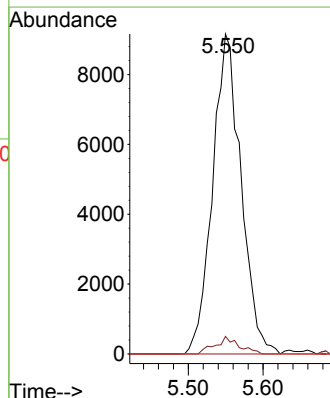
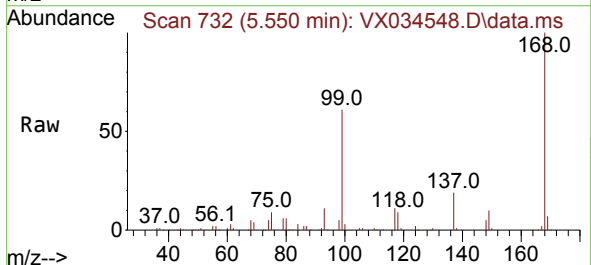
Instrument :
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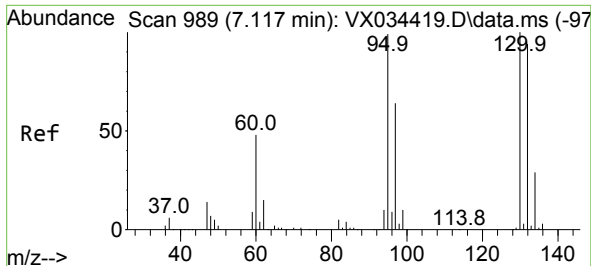
Tgt Ion: 75 Resp: 20260
Ion Ratio Lower Upper
75 100
110 5.5 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.908 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

Tgt Ion: 117 Resp: 24173
Ion Ratio Lower Upper
117 100
119 5.5 76.6 114.8#
121 0.0 23.8 35.6#

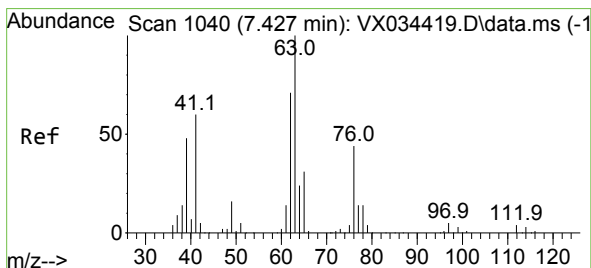
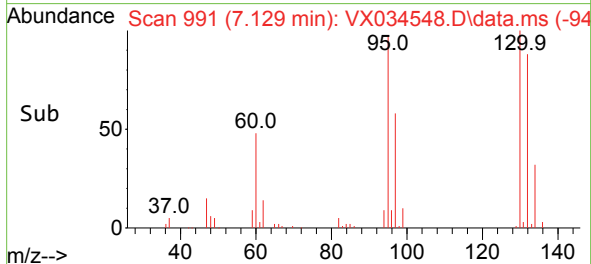
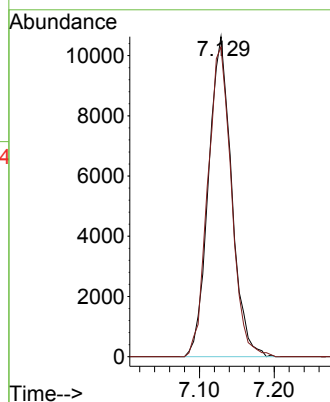
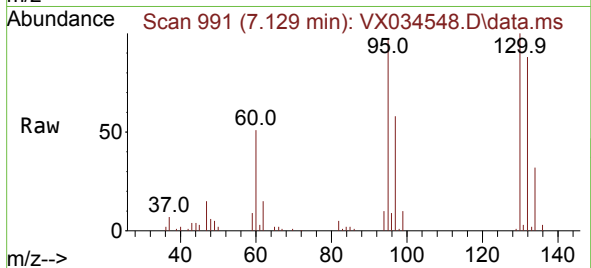




#44
Trichloroethene
Concen: 7.314 ug/l
RT: 7.129 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

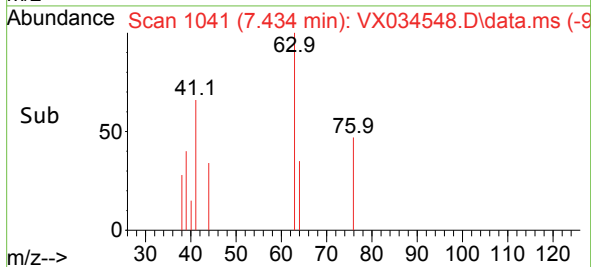
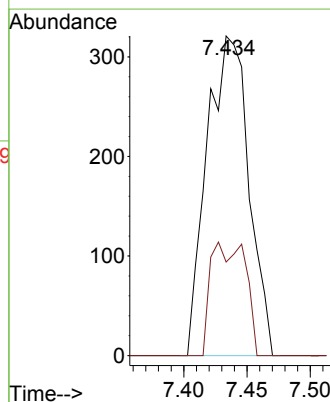
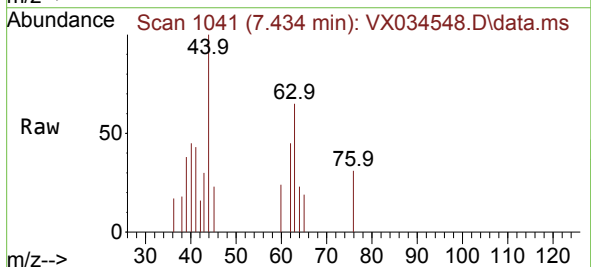
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20230312DL

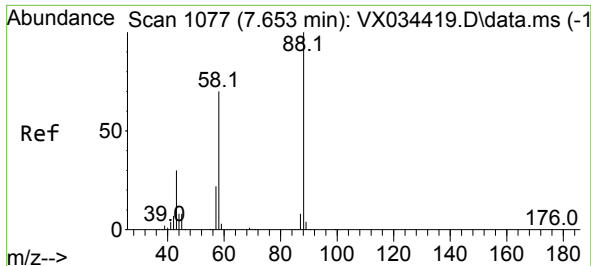
Tgt Ion:130 Resp: 22865
Ion Ratio Lower Upper
130 100
95 96.8 0.0 198.4



#45
1,2-Dichloropropane
Concen: 0.235 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

Tgt Ion: 63 Resp: 738
Ion Ratio Lower Upper
63 100
65 29.3 24.6 37.0





#49

1,4-Dioxane

Concen: 0.338 ug/l

RT: 7.665 min Scan# 1077

Delta R.T. 0.012 min

Lab File: VX034548.D

Acq: 16 Mar 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20230312DL

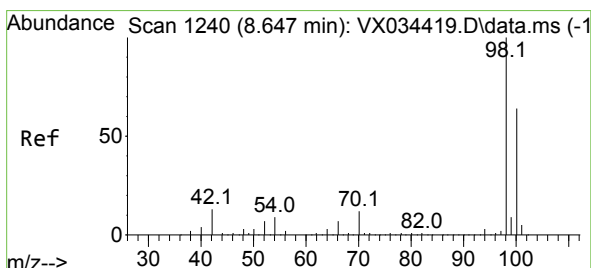
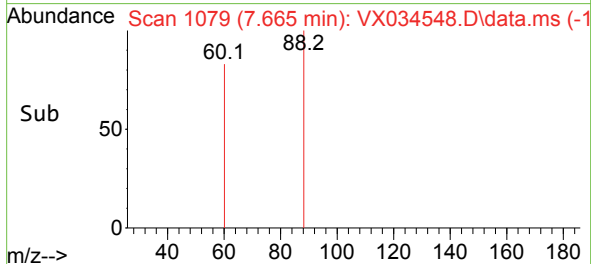
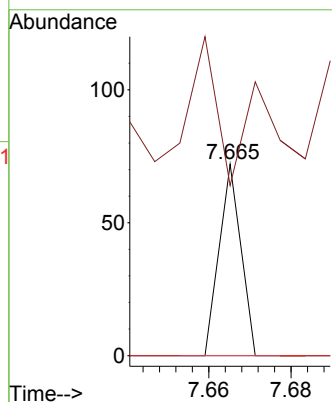
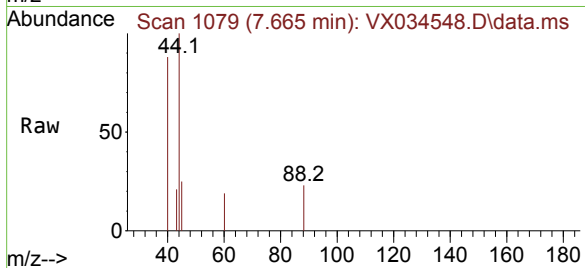
Tgt Ion: 88 Resp: 26

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 0.0 56.8 85.2#



#50

Toluene-d8

Concen: 48.791 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034548.D

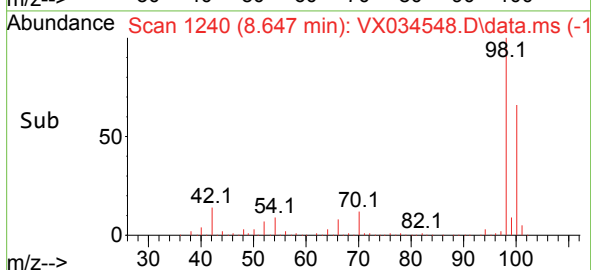
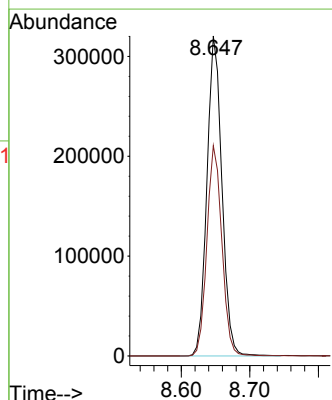
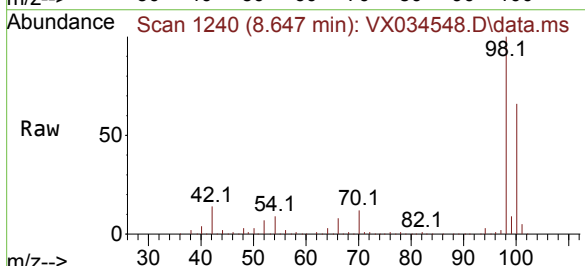
Acq: 16 Mar 2023 16:11

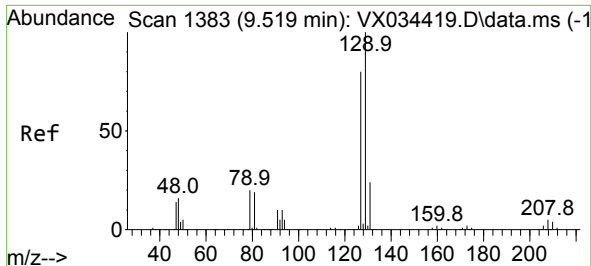
Tgt Ion: 98 Resp: 487727

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7

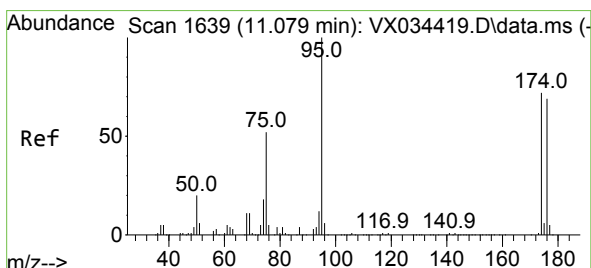
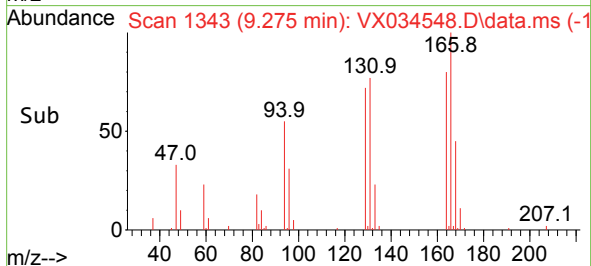
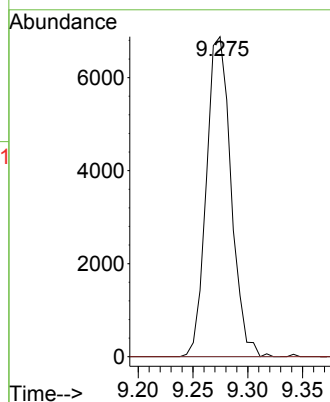
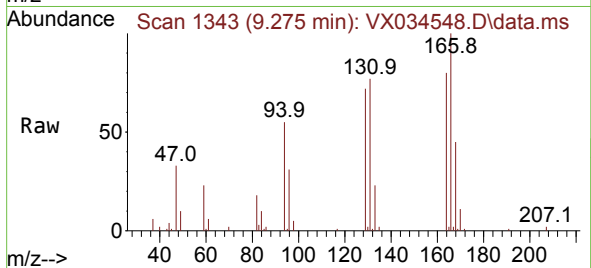




#60
Dibromochloromethane
Concen: 3.473 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

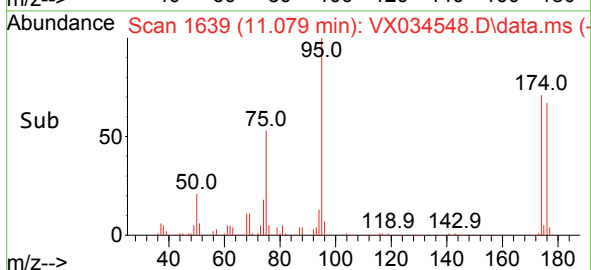
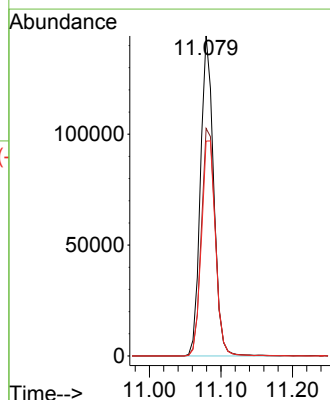
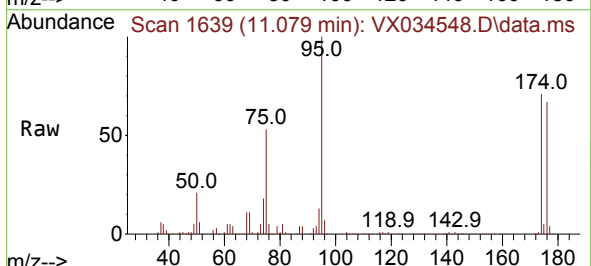
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20230312DL

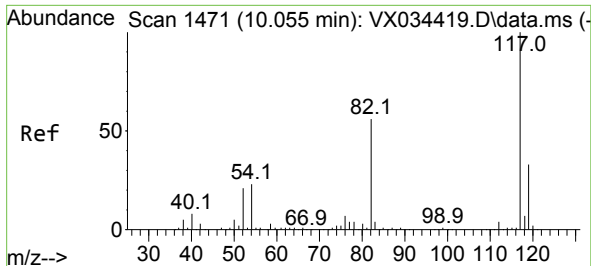
Tgt Ion:129 Resp: 10767
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 45.723 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

Tgt Ion: 95 Resp: 184620
Ion Ratio Lower Upper
95 100
174 75.3 0.0 147.4
176 71.9 0.0 140.6

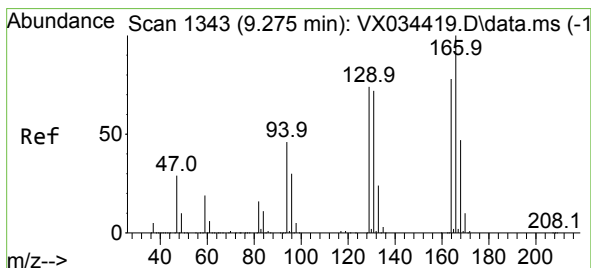
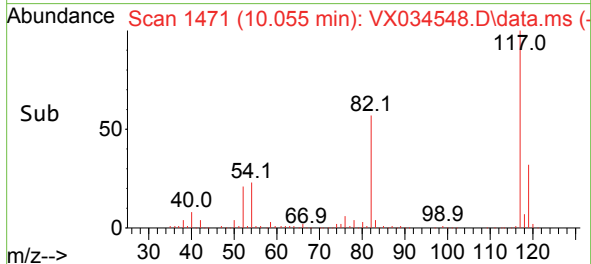
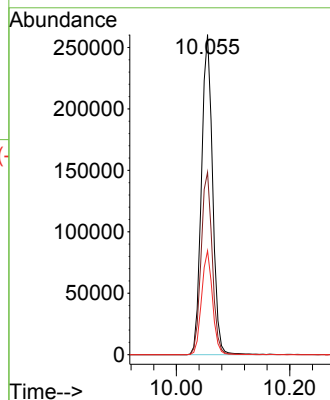
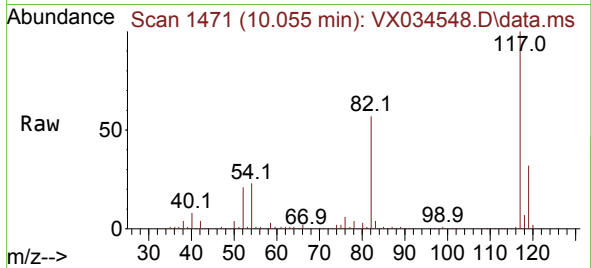




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

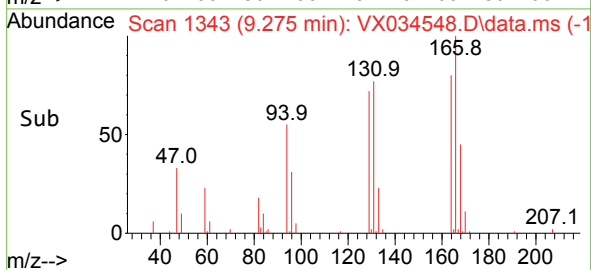
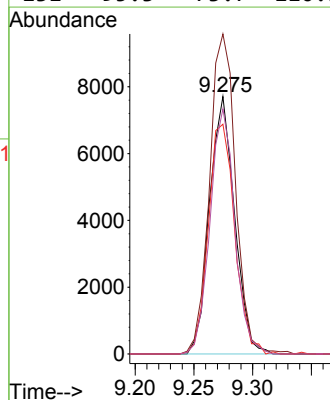
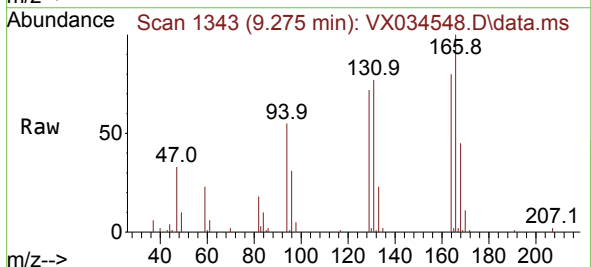
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20230312DL

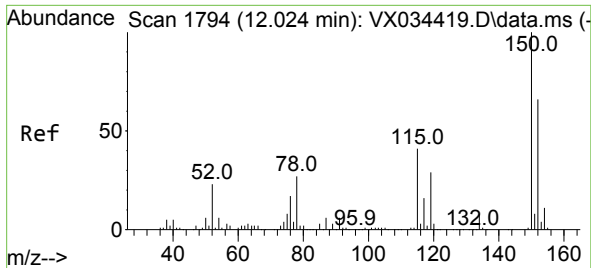
Tgt Ion:117 Resp: 354518
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 4.803 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

Tgt Ion:164 Resp: 11437
Ion Ratio Lower Upper
164 100
166 124.3 102.7 154.1
129 89.3 75.6 113.4
131 95.3 73.7 110.5

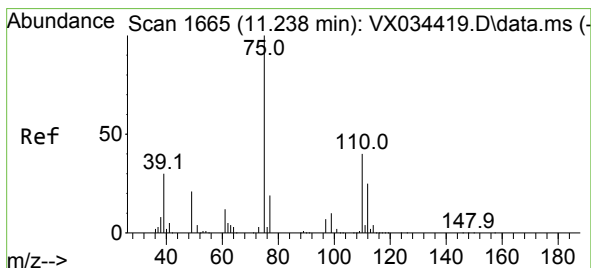
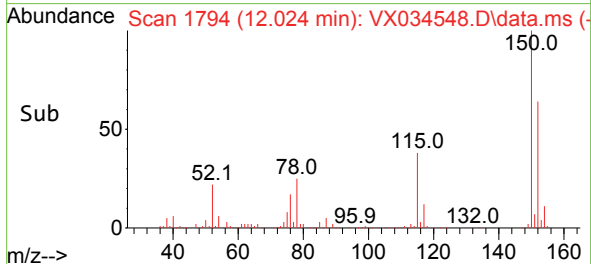
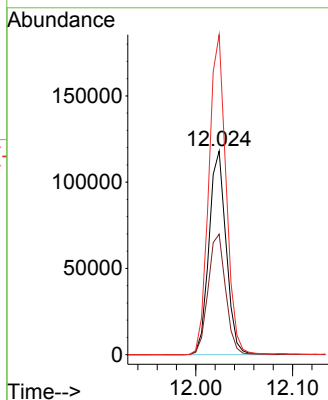
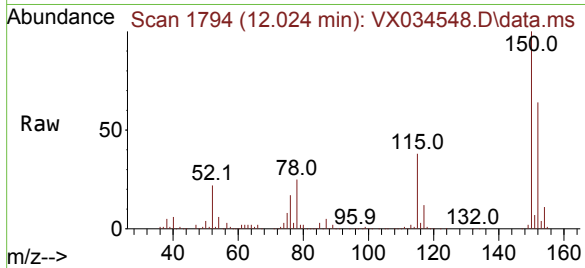




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

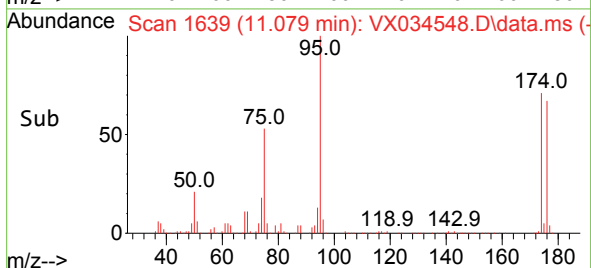
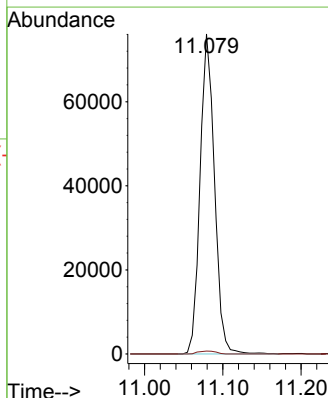
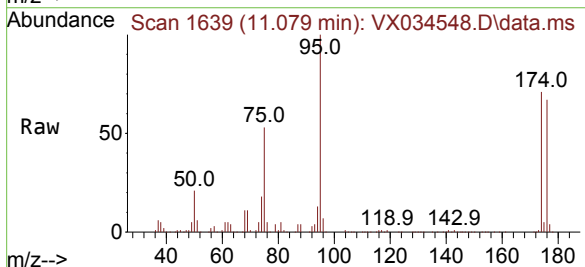
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20230312DL

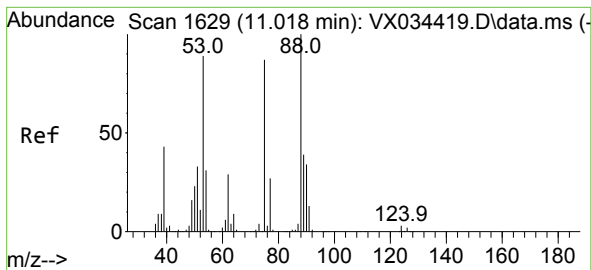
Tgt Ion:152 Resp: 146208
Ion Ratio Lower Upper
152 100
115 60.6 45.0 135.0
150 157.2 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 28.969 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

Tgt Ion: 75 Resp: 97251
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.369 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034548.D
 Acq: 16 Mar 2023 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20230312DL

Tgt Ion: 75 Resp: 97251
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

